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OM nucleic - nucleic search, using sw model

Run on: July 21, 2001, 10:15:34 ; Search time 3666.61 Seconds
(without alignments)
11849,885 Million cell updates/sec

Title: US-09-587-111-4

Perfect score: 2809
Sequence: 1 ggctagcctctctgacagg.....aaaaaaaaaaaaaaaaaaaaa 2809

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1344157 segs, 7733874588 residues

Total number of hits satisfying chosen parameters: 2688314

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

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98: em_da3:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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1	2766.8	98.5	2783	9 A94121 Sequence 1
2	2766.8	98.5	2783	9 AX017826 Sequence 1
3	2720.6	96.9	2765	9 AX023769 Sequence 1
4	2720.6	96.9	2765	91 AX023795 Sequence 1
5	2473.6	88.1	2507	88 AF103906 Sequence 1
6	2379.4	84.7	2397	89 AF129112 Sequence 1
7	2347.8	83.6	2351	9 AX019706 Sequence 1
8	2333.4	83.1	2348	9 AX019710 Sequence 1

DEFINITION	Sequence 1 from Patent WO9946577.
ACCESSION	AX017826
VERSION	AX017826.1
KEYWORDS	GI:10042430
SOURCE	human.
ORGANISM	Homo sapiens
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
AUTHORS	Renard,S. and Partiseti,M.
TITLE	A human vanilloid receptor-like cation channel
JOURNAL	Patent: WO 9946377-A 1 16-SEP-1999;
FEATURES	SANOFI SYNTHELABO (FR); REARD STEPHANE (FR); PARTISETI MICHEL (FR); location/Qualifiers
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	/db_xref="taxon:9606"
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ORIGIN	

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QY	61	ggctgggctgaaggttgaccgagaaacccaaacctgtctgtggagcttaigtctcaagact	120
Dp	61	GGTGGGCTGAGGGGTGACCGAGACCGAAGACCTCTTGTCTGGAGCTTATGTCTACAGACT	120
QY	121	ggggagaggaagtttcgcgcgcctctctctctcaagcgccggaacccctcccgcttcaact	180
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Dp	181	TCTCTCCGCAAGCCCTGCTACTATGAAAGCTCCGGGATCCGAGCAGCGCCAGCCGCTGGC	240
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QY	661	accgagcaagtaactccaacgactcgtgaatacaacagagagctccacaagttaaagacgtgtcgt	720
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Db	1261	ggccgcaagagggcgaagatccagatcttaagcaatccctgacagggagttttcaga	1320
QY	1321	ctgagccacacttcccgaaagtcaaccgagtgtgtatgtgggcctgcgggtgtgcgtg	1380
Db	1321	ctgagccacacttcccgaaagtcaaccgagtgtgtatgtgggcctgcgggtgtgcgtg	1380
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Qy	1921	ggcatctacagtgatcatatcatccagaagttcatactcgcgggaacctgtcgtcttcctcgt	1980
Db	1918	GGCAGCTACAGTGTCAATGATTCACGAAGAGTCACTCTCGGAGACCTGGTGGCTTCCCTTCG	1977
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Qy	2041	tggcgcgcccggaagcttcctataagcccccaatgcacagatctcagtcaagccaatgaagga	2100
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ACCESSION	AX023769		

VERSION	AX023769.1	GI:10184127
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ORGANISM	Homo sapiens	
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.	
AUTHORS	1 (bases 1 to 2765)	
TITLE	England,S., Wood,J.N. and Garcia,R. ion channels, in particular vanilloid receptor - like (vr-1) receptor	
JOURNAL	Patent: WO 0022121-A 1 20-APR-2000; UNIV LONDON (GB) : ENGLAND STEVEN (GB) : WOOD JOHN NICHOLAS (GB) ; GARCIA REYNALDO (PH)	
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QY	63 ttgggcttaaggtgtgacacagagagacacgaactgtctgtctgagacttaagtgtcagaagctg	122
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Db	1260	cgccaaggaagggaagatgtgagatlttcaggacatccctcagagggggagtttttgaagct	1319
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AUTHORS	1 (bases 1 to 2765)	
TITLE	England, S., Wood, J.N. and Garcia, R.	
JOURNAL	Ion channels, in particular vanilloid receptor - like (VR-1) receptor	
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REFERENCE 1 (bases 1 to 2397)
AUTHORS Caterina,M.J., Rosen,T.A., Tomlinaga,M., Brake,A.J. and Julius,D.
TITLE A capsaicin receptor homologue with a high threshold for noxious
heat
JOURNAL Nature 398 (6726), 436-441 (1999)
MEDLINE 99215558
REFERENCE 2 (bases 1 to 2397)
AUTHORS Caterina,M.J., Rosen,T.A., Tomlinaga,M., Brake,A.J. and Julius,D.
TITLE Direct Submission
JOURNAL Submitted (17-FEB-1999) Cellular and Molecular Pharmacology,
University of California, 513 Parnassus, San Francisco, CA 94143,
USA
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JOURNAL	1 (bases 1 to 2351)		
FEATURES	Duckworth,D.M., Davis,J.B. and Hayes,P.D.		
source	Human vanilloid receptor homologues		
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AUTHORS	1 (bases 1 to 2348)		
TITLE	Duckworth, D.M., Davis, J.B. and Hayes, P.D.		
JOURNAL	Human vanilloid receptor homologues		
SMITHKLINE BEECHAM PLC (GB)	Patent: WO 937765-A 5 29-JUL-1999;		
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 REFERENCE
 1 (sites)
 Kozaki, M., Zhang, Y.-O., Mashima, H., Li, L., Shibata, H. and
 Kojima, I.
 TITLE
 Translocation of a calcium-permeable cation channel induced by
 insulin-like growth factor-I
 JOURNAL
 Nature Cell Biol. 1, 165-170 (1999)
 REFERENCE
 2 (bases 1 to 2824)
 Kozaki, M., Zhang, Y., and Kojima, I.
 TITLE
 Direct Submission
 JOURNAL
 Submitted (21-DEC-1998) to the DDBJ/EMBL/Genbank databases, Makoto
 Kozaki, Institute for Molecular and Cellular Regulation, Cell
 Biology, Showa-machi, Meabashi 371-8512, Japan
 (E-mail: kanzaki@ekagi.sj.gunma-u.ac.jp, Tel: 81-27-220-8836,
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ACCESSION	Rattus norvegicus vanilloid receptor-like protein 1 (VRL-1) mRNA
VERSION	complete cds.
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 Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
 AUTHORS Isogai,T., Ota,T., Hayashi,K., Sugiyama,T., Otsuki,T., Suzuki,Y.,
 1 (sites)
 Nishikawa,T., Nagai,K., Sugano,S., Aotsuka,S., Yoshikawa,Y.,
 Matsunawa,H., Ishii,S., Kawai,Y., Saito,K., Yamamoto,J.,
 Wakamatsu,A., Nakamura,T., Nagahara,K., Masuno,Y. and Sasaki,N.
 NEDO human cDNA sequencing project
 Unpublished (2000)
 2 (bases 1 to 2126)
 REFERENCE Isogai,T. and Otsuki,T.
 TITLE Direct Submission
 JOURNAL Submitted (16-FEB-2000) to the DDBJ/EMBL/GenBank databases. Takao
 Isogai, Helix Research Institute, Genomics Laboratory, 1532-3 Yana,
 Kisarazu, Chiba 292-0812, Japan (E-mail: genomics@hri.co.jp,
 Tel:81-438-52-3951, Fax:81-438-52-3952)
 COMMENT NEDO human cDNA sequencing project supported by Ministry of
 International Trade and Industry of Japan: cDNA full insert
 sequencing: Research Association for Biotechnology: cDNA library
 construction, 5'- & 3'-end one pass sequencing and clone selection:
 Helix Research Institute (supported by Japan Key Technology Center
 etc.) and Department of Virology, Institute of Medical Science,
 University of Tokyo.

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I	M	S	Rattus norvegicus.	
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T	I	T	Ion channel	
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T	I	T	Direct Submission	
J	O	R	Submitted (12-JAN-1999) to the DDBJ/EMBL/Genbank databases. Makoto	
R	E	F	Suzuki, Jichi Medical School, Pharmacology; 3311-1, Yakushiji,	
A	U	H	Mitakawachi, Tochigi 329-0498, Japan (E-mail:masuzejichi.ac.jp,	
C	O	M	Tel.:81-28-558-7326, Fax:81-28-544-5541)	
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